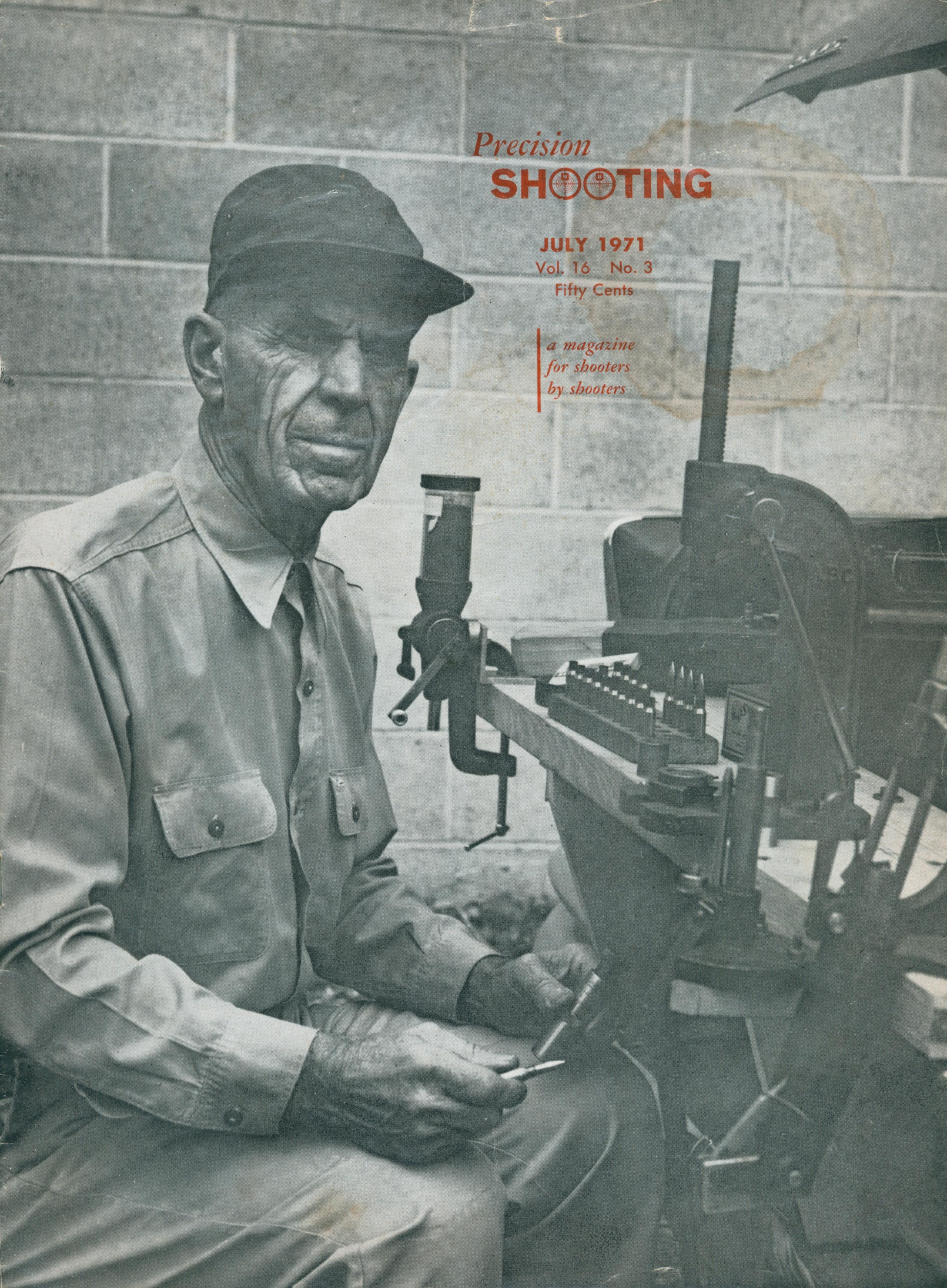

Precision SHOOTING

JULY 1971
Vol. 16 No. 3
Fifty Cents

a magazine for shooters by shooters

PRECISION SHOOTING

PUBLISHED MONTHLY BY PRECISION SHOOTING, INC

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NOTICE TO ADVERTISERS

PRECISION SHOOTING is printed by letterpress. Display cuts are to be furnished by the advertiser. Advertising engravings will be made at standard rates if good black and white glossy prints are provided. Displays will be made to Advertiser's specifications. All normal composition will be set according to our own standards. Rate cards will be mailed to Advertisers on request.

Please Mention

Precision SHOOTING

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IBS LIFE MEMBERSHIP

$125.00

SUGGESTED FINANCE SCHEDULE FOR INSTALLMENTS

Two payments of $62.50
Three payments of $50, $40, $35
Four payments of $35, $30, $30, $30

Those wishing to elect installment payments may start **any time.** The only requirement is that the $125 be paid within a 12 month period. With the first payment a **Provisional** Life Member card will be issued. At completion, the official card will be mailed. Send to IBS headquarters, Box 148, Dolgeville, N. Y. 13329.

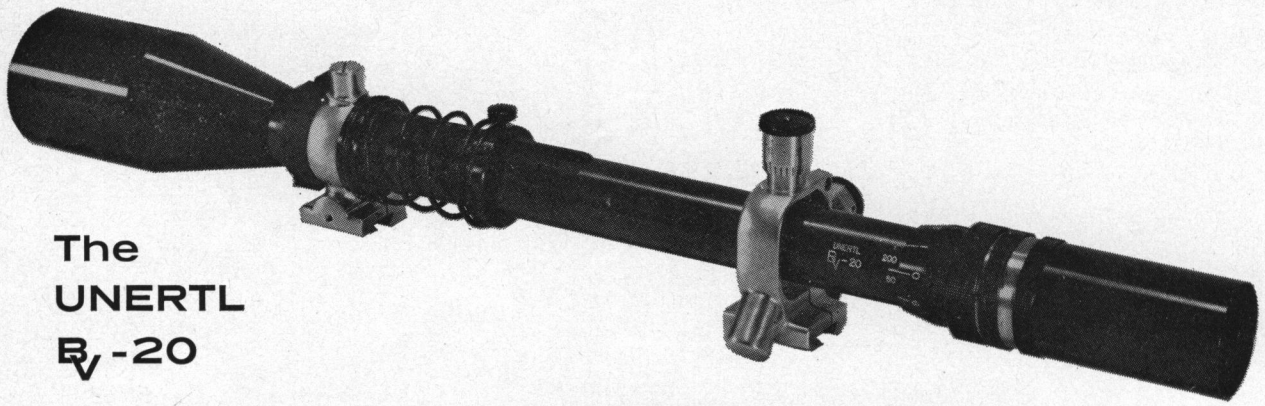
International Benchrest Shooters CHARTER MEMBER DIRECTORY

The IBS Charter Member Directory is now available to all **Charter Members** at $1.00.

The Directory is six by four inches and contains all Charter Clubs, individual members, life members, and associates.

Please include your Charter Member number when ordering. Make check or money order payable to "International Benchrest Shooters", Box 148, Dolgeville, N. Y. 13329.

July issue of Precision Shooting mailed Tuesday, June 29, 1971



The UNERTL B_V-20

A really new and patented telescope specifically optimized for the serious bench and varmint shooter.

Features . . . 20X magnification, 43mm objective, 17⅞" overall length and weight of 19 or 21¼ ounces depending on accessories.

Our catalog upon request

JOHN UNERTL OPTICAL CO.

3551-55 East St. Pittsburgh, Pa. 15214

Why a Lyman black powder handgun?
The answer is simple. There just wasn't a black powder handgun around you could depend on for quality, shootability and accuracy.
So, we're introducing two guns you *can* depend on. The new Army .44 Revolver and the new Navy .36 Revolver. The work horses of Civil War sidearms. We've combined space age steel and manufacturing tolerances with the revolutionary Remington top strap design and reinforced frame. The result is a pair of handguns made for the shooter. Safe, durable and accurate. No other replica can match them.
And if you look close, you'll see the small details that make them the best *looking* black powder handguns. Like the snug fit of the real walnut grips against the frame, or the high polished metal finishes. And in addition, each gun is given a complete going over by our gunsmith before it goes out. So if there's a flaw, we'll find it. Not you.
We've even included a booklet detailing the cleaning and maintenance of the guns. To help you keep them flawless. We're proud of the fact that we've been serving the black powder shooter since 1878. And that's a big part of the reason why we've done everything possible to make our first guns the best looking, best shooting black powder handgun replicas you can buy. Bar none.
And they're just the start of our increased black powder services. Watch for more. Check out the new Army and the new Navy. There are no other replicas like them. Discover all the reasons why for yourself.
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IBS News Releases

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IBS MEMO

IBS Targets — Charter and Life Members

100 & 200 yd. **BR Targets** — 500 per carton — are $11.25, less 10% to affiliated clubs, plus postage. **Hunter Targets** — 250 per carton — are $8.50 with same discount privilege to affiliated clubs; 500 **Hunter** (2 cartons) $16.25. Mail order to: Emory L. Tooly, Box 148, Dolgeville, N. Y. 13329, or to R. H. Hart, Nescopeck, Pa. 18635.

The annual membership fee is $8.00 —Life membership in IBS has been set at $125. Apply to the recording secretary for enrollment. IBS Affiliated Club Memberships $10.00.

IBS rule books available at 50 cents per copy.

IBS Charter Membership Patches are available at $2.00 each.

When ordering **Charter Membership patches** please indicate your 1970 Card number.

— NOTICE —

IBS Charter Pins are being sold by Bob Hart, 401 Montgomery Street, Nescopeck, Pa. 18635. The pins are either pin backs or screw type, and at $2.50 each. **Please make checks payable to Robert W. Hart.**

1970 CHARTER IBS CLUBS

Pine Tree Rifle Club, Inc., c/o Ralph Skakel, IBS Director, 210 Burton Lane, Johnstown, N. Y. 12095.

South Creek Rod & Gun Club, R.D. #2, Gillett, Pa. 16925, c/o Dr. Arthur Glover, IBS Director, 1014 W. Broad St., Horseheads, N. Y. 14845.

The Original Pa. 1000-Yd. Benchrest Ass'n., c/o Don Park, IBS Director, 2111 W. Third St., Williamsport, Pa. 17701.

The Greenville Rifle & Pistol Club, Inc., P.O. Box 8672, Station A, Greenville, S. C. 29604.

Lower Providence Rod & Gun Club, c/o George J. Etter, IBS Director, 222 Walnut St., Spring City, Pa. 19475.

Volunteer Rifle & Pistol Club, Inc., c/o J. E. Fowler, IBS Director, 1101 Oaklett Dr., Knoxville, Tenn. 37912.

Council Cup Rifle Range, c/o Wallace E. Hart, IBS Director, 300 West Fourth St., Nescopeck, Pa. 18635.

Hamburg Rifle & Pistol Club, Inc., c/o Emmett A. Francis, IBS Director, Box 12, Hamburg, Pa. 19526.

Izaak Walton League of America, c/o Charles W. Smith, IBS Director, 2341 Breezewood Road, York, Pa. 17404.

Minnetonka Game & Fish Club, c/o Phil G. Carney, IBS Director, 5637 James Ave. South, Minneapolis, Minn. 55419.

Sulphur Springs Rifle & Revolver Club, Muncy, Pa. 17756 c/o Charles Pardoe, IBS Director, R.D. #2, Muncy, Pa. 17756.

River Bend Gun Club, Inc., c/o Homer H. Bush, Jr., IBS Director, Route 2, Duluth, Ga. 30136.

Central Pennsylvania Rifle Club, Inc., c/o C. D. McElwee, IBS Director, R.D. #1, Dauphin, Pa. 17018.

Capital City Rifle and Pistol Club, c/o Maurice Hyde, Jr., IBS Director, R.F.D. #4, Augusta, Me. 04330.

H. & L. Sportsman's Pistol & Rifle Club, R.D. #1, Harveys Lake, Pa. 18618.

Camillus Sportsmen's Club, c/o John Sagert, 910 N. Townsend St., Syracuse, N. Y. 13208.

Guthsville Rod & Gun Club, c/o George W. Elison, Recording Secy., P.O. Box 352, Allentown, Pa. 18105.

Beach, Fla. 33406, c/o J. G. Kovach, IBS Director, 344 N.E. 167th Street, Miami, Fla. 33162.

Liverpool Rod and Gun Club, c/o Richard J. Deneve, IBS Director, 803 Liverpool Rd., Liverpool, N. Y. 13088.

York Benchrest Shooters Club, c/o George Wachmann, IBS Director, 1109 Morrison Heights Rd., Oakville, Ontario, Canada.

McKinley Benchrest Shooters Club, c/o Robert L. Moser, IBS Director, 1025 Shadyside S.W., Canton, Ohio. 44710.

Province of Quebec Rifle Association, 272 Bourget, Beloeil, Quebec, Canada, c/o Mrs. Joan Branch, Secy.

Watervliet Fish and Game Protective Assn., c/o Robert D. Antonucci, IBS Director, 49 Marshall Ave., Schenectady, N. Y. 12304.

Reading Rifle & Pistol Club, Inc., c/o Malcolm E. Barron, IBS Director, 11 Dartmouth, Beverly, Mass. 01915.

Permian Basin Rifle & Pistol Club, Inc., c/o R. J. Maberry, IBS Director, P.O. Box 459, Midland, Texas 79701.

Black Ash Sportsman, Inc., c/o Ed Beedle, IBS Director, R.D. #2, Carline Drive, Meadville, Pa. 16335.

* * *

WELCOME TO OUR NEW CLUBS

Altoona Rifle & Pistol Club, c/o John Kaylor, 709-4th St., Juniata, Altoona, Pa. 16601.

Millport Saturday Nite Shooters, c/o Harold Oslon, Shinglehouse, Pa. 16748.

Delmarva Sportsman's Association, Inc., c/o S. Joseph Lesley, Exec. Sec., R.D. 2, Smyrna, Delaware 19977.

Richmond Boro Gun Club, Inc., Staten Island, N. Y.—Edward Knobloch, 1544 Victory Blvd., Staten Island, N. Y., IBS Director; Joseph Vecchiarelli, 120 Ainsworth Avenue, Staten Island, N. Y. 10308, ClubSec'y.

Belton Gun Club, Inc., P.O. Box 605, Belton, South Carolina 29627. Contact J. K. Phillips, Secretary.

SAM BOND
NEW PHILADELPHIA, OHIO
RETAIL & WHOLESALE
SHOOTING & HUNTING SUPPLIES
CARD FOR LIST

The Remington 40-XB center fire target rifle now has

a bench rest brother.

The 40XB center fire repeating rifle is ideal for rapid-fire events, especially in the 7.62m/m Nato (308) caliber, because of its shorter bolt throw and extreme accuracy, plus its optimum weight for "over the course" competition. As a single-shot model, the 40XB center fire is offered in several calibers as listed. The action is hand-bedded, and the barrel is free-floating for superior accuracy.

The brother of the 40XB-CF is the 40XB center fire bench rest target rifle. It incorporates all the features of the extremely accurate 40XB-CF, but it is modified to give the competitive bench rest shooter a standardized rifle that provides the inherent accuracy advantages of a short (20"), heavy, extremely stiff barrel. A wider, squared-off fore-end gives a more stable rest on sandbags or other supports. In combination with the new Remington target 'scope, the resulting package weighs just under 10½ lbs. and meets weight limitations for the sporter and light varmint classes of National Bench Rest Shooters Association competition. For shooters competing in the heavy varmint class, a 13½-lb. 26"-barrel version is available.

SPECIFICATIONS

	MODEL 40-XB CENTER FIRE	MODEL 40XB-BR CENTER FIRE
ACTION	Bolt—Single shot in either standard or heavy barrel versions. Repeater in heavy barrel only.	Bolt, single shot only.
CALIBERS	See listing below.	222 Rem., 222 Rem. Mag., 223 Rem., 6mm International, 6mm x 47, 7.62 NATO (308 Win.)
SIGHTS	No sights supplied. Target 'scope blocks installed.	Supplied with target 'scope blocks.
SAFETY	Positive thumb-operated.	Positive thumb-operated.
RECEIVER	Drilled and tapped for 'scope block and receiver sights.	Drilled and tapped for target 'scope blocks.
BARREL	Drilled and tapped for 'scope block and front target iron sight. Muzzle diameter S2—approx. ¾", H2—approx. ⅞". Length: 27¼". Unblued stainless steel available at extra cost.	Unblued stainless steel only. 20" barrel for Light Varmint Class. 26" barrel for Heavy Varmint Class.
TRIGGER	Adjustable from 2 to 4 lbs. pull. Special 2 oz. trigger available at extra cost for single-shot models.	Adjustable from 1½ to 3½ lbs. Special 2-oz. trigger available at extra cost.
OVER-ALL LENGTH	Approx. 47".	38" with 20" barrel. 44" with 26" barrel.
STOCK	American Walnut. Adjustable hand stop and front swivel block on rail. Rubber non-slip butt plate.	Selected American Walnut. Length of pull—12".
AVERAGE WEIGHT	S2—9¼ lbs. H2—11¼ lbs.	Light Varmint Class (20" barrel) 9¼ lbs. Heavy Varmint Class (26" barrel) 12 lbs.

MODEL 40 XB "RANGEMASTER" — CENTER FIRE	ORDER NUMBERS	PRICES*
CF-S2 Std. Ordnance Barrel	special	$249.95
CF-H2 Heavy Ordnance Barrel	special	
CF-S2 Std. Stainless Barrel	special	$269.95
CF-H2 Heavy Stainless Barrel	special	
Repeating Center Fire Models (Heavy Barrel Only)		$ 20.00
Extra for 2 Oz. Trigger (Single Shot Model Only) (18 Weeks or more for center fire models)		$ 40.00

MODEL 40XB-BR CENTER FIRE	ORDER NUMBERS	PRICES*
40XB-BR Heavyweight barrel without sights	special	$289.95
Extra for two-ounce trigger		40.00

'SCOPE SPECIFICATIONS

Magnification: 20 X/Objective clear aperture: 36mm/Exit pupil: 1.8mm/Field: 7.5 feet at 100 yards/Eye relief: 2¼"/Overall length: 16¼"/Weight: 19⅜ ounces including mounts and bases/Adjustment graduation: ¼" graduation with external adjustments. Order Number 5712, price $169.95.*

MODEL 40-XB CENTER FIRE CALIBERS

(Those marked * can be supplied in repeating models.) Supplied with stainless-steel barrels only: 22-250 Rem.*, 6mm Rem.*, 6mm x 47*, 6mm International*, 243 Win.*, 25-06 Rem., 6.5mm Rem. Mag.*, 7mm Rem. Mag., 30-338, 300 Win. Mag.,

*Minimum Fair Trade prices in states included in Remington's Fair Trade Program. In other states these are recommended minimum prices.

Great guns deserve great ammunition. We make both. Remington® DUPONT REG. U.S. PAT. OFF.

1971 REGISTERED MATCH SCHEDULE INTERNATIONAL BENCHREST SHOOTERS

International Championship Tournaments (firm dates)

Johnstown, N. Y.—Pine Tree Rifle Club, June 19 and 20 — **International Championship Tournament for Heavy Benchrest Rifles.** Contact Ralph Skakel, 210 Burton St., Johnstown, N. Y. 12095.

Wapwallopen, Pa. — Council Cup Rifle Range, August 10, 11, 12, 13— **International Championship Tournaments for H.V. - L.V. and Sporter Rifles.** Contact Robt. W. Hart, 323 Montgomery Street, Nescopeck, Pa. 18635.

Dauphin, Pa. — Central Pennsylvania Rifle Club, Inc., Sept. 18-19— **International Championship Tournament for Hunter Rifles.** Contact C. D. McElwee, R.D. #1, Dauphin, Pa. 17018.

REGISTERED BENCHREST MATCHES

Other reported Registered matches that are suspected to be firm dates:

Fassett, Pa.—South Creek Rod & Gun Club—Pennsylvania Championship Varmint matches - July 3, & 4, Heavy Varmint & Sporter; July 31-Aug. 1, H.V. & L.V.; Oct. 9 & 10, H.V. & Sporter. Contact Mrs. Laura Andrews, R.D. #1, Millerton, Pa. 16936.

Canton, Ohio — McKinley Benchrest Shooters—**July 24-25, H.V.;** Oct. 2-3, H.V. Contact Albert Creighton, IBS Director, 6087 Willowdale Ave., Waynesburg, Ohio 44688.

Johnstown, N. Y.—Pine Tree Rifle Club——Aug. 21, H.V. (Starting time 12 noon — night lights will be used if necessary); Sept. 11-12, **L.V. & H.V. New York State Championship.** Contact Ralph Skakel, 210 Burton St., Johnstown, N. Y. 12095.

Wapwallopen, Pa. — Council Cup Rifle Range—May 29-30, H.B. & H.V.; Sept. 4-5, H.B. - Experimental - L.V. Contact R. W. Hart, 323 Montgomery St., Nescopeck, Pa. 18635.

Duluth, Ga.—River Bend Gun Club, Inc. — H.V. & L.V.: Apr. 11, July 25, Oct. 17, and Dec. 12. Contact Homer H. Bush, Jr., Rt. 2, Duluth, Ga. 30136.

Knoxville, Tenn.—Volunteer Rifle & Pistol Club—April 24, Benchrest Rifle; April 25, H.V. & L.V.; June 26, Benchrest Rifle; June 27, H.V. & L.V.; Sept. 25, Benchrest Rifle; Sept. 26, H.V. & L.V. Contact J. H. Hawkins, 2809 Avondale Ave., Knoxville, Tenn.

Hunter Rifle Matches

Hamburg, Pa. — Hamburg Rifle & Pistol Club, May 2, **June 13.** Contact Emmett Francis, R.D. #2, Box 12, Hamburg, Pa. 19526.

York, Pa. — Izaak Walton League of America — April 18, May 16, June 20, July 18, Aug. 15, Oct. 17, and Nov. 14. Contact Charles W. Smith, 2341 Breezewood Road, York, Pa. 17404.

Dauphin, Pa — Central Pennsylvania Rifle Club — Apr. 25, June 27, Aug. 22, Oct. 3rd. **Hunter International Championship Match, Sept. 18 and 19.** Contact C. D. McElwee, R.D. 1, Dauphin, Pa. 17018.

Council Cup, Pa. — Council Cup Rifle Range—May 9, July 11. Contact Wallace E. Hart, 300 W. Fourth St., Nescopeck, Pa. 18635.

Muncy, Pa.—Sulphur Springs Rifle and Revolver Club—June 6, July 4, Aug. 8, Sept. 26. Contact Charles Pardoe, R.F.D. 2, Muncy, Pa. 17756.

Harveys Lake, Pa.—H. & L. Sportsman's Pistol & Rifle Club—May 23, July 25, Aug. 29, Sept. 12, Oct. 24. Contact Albert Gulits, R.D. 1, Harveys Lake, Pa. 18618.

RIDGE SPORTSMEN'S CLUB, INC. UNREGISTERED MATCH SCHEDULE FOR 1971

Range located on Hill Road 2 miles southwest of Hilton.

HEAVY VARMINT RIFLE MATCHES

Starting Time — 10:30 A.M. Sharp

First H.V. Rifle Match _____June 6
Second H.V. Rifle Match ____July 11
Third H.V. Rifle Match _____Aug. 22

All Heavy Varmint rifle matches: 6 - 5 shot matches are fired at 100 yds. 6 - 5 shot matches are fired at 200 yds.; first match at each range are warmup matches; last 5 matches at both ranges are computed for Grand Agg.

A prize will be awarded for the best 3 match agg. at 100 yds., the best 3 match agg. at 200 yds., and the best 3 match Grand Agg. (only one prize per competitor).

Lunch will be served at all Heavy Varmint matches.

HUNTER RIFLE COMBO (3 Classes)

1st Shoot _____12:30 p.m., Aug. 1
2nd shoot _____12:30 p.m., Sept. 26

Shoot any gun — any sight — we take 'em all. Prizes will be awarded and coffee and friedcakes will be served at Hunter match.

For further information on rules, etc., contact:

T. H. Boughton
410 Stone Road
Rochester, N. Y. 14616
Phone: 663-7637

MINNETONKA GAME & FISH CLUB UNREGISTERED IBS MATCHES

July 10, July 24, Aug. 14, Aug. 28, Sept. 18 (Visitors' Shoot), Oct. 9, Oct. 23.

Contact:

Phil G. Carney
5637 James Avenue South
Minneapolis, Minn. 55419

IBS Membership Drive

A Sporter Class 40XBR 6X47, a Hart barrel, a R. W. Hart front pedestal, an IBS Life Membership, as well as other valuable shooting items have been made available as prizes for the **IBS members who get the most new members during 1971.** As an added incentive a new member who shoots will get you extra points.

Here is how to do it. Use an application from Precision Shooting or from Emory Tooly. Sign up the new member and get his $8.00. Put your name at the bottom of the application as sponsor. If the new member turns out to be a shooter, send Tooly a copy of the registered shoot dope sheet with the new member's name circled. Sign the dope sheet as sponsor. For every time the new member shoots in a registered shoot during 1971, any class, you will be credited with extra points equal to a new member. You must send in the dope sheet with the new member's name circled and your signature as sponsor to get credit.

All IBS members are eligible, except the Executive Board (five officers). You cannot sponsor your own membership. **Renewals are not considered as new members.**

Send all applications, money and dope sheets to Emory Tooly, 8 Cline Street, Dolgeville, New York 13329. Everything must be in Tooly's hands prior to the next Winter Meeting. Prizes will be given at the Winter Meeting. Get busy, there will be at least five winners and probably many more.

IBS
SHOOT REPORTS

ORIGINAL PENNSLVANIA
1000 YD BENCHREST CLUB, INC.
1000 YD PRONE MATCHES
(NRA Approved)
August 1, 1971

Course of Fire:

A.M.—Any rifle - any sight - match. Five minutes will be allowed for sighting shots. 30 minutes for 20 shots, slow fire prone at 1000 yards.

P.M.—Iron sight match.

Entry Fees:

$4.00 per match, including 25¢ NRA registration fee. NRA classifications will be used. Unclassified competitors will fire in the master class.

Contact:

Advance entries and inquiries are to be sent to:

Ritchie R. Moorhead
RD #2
Athens, Pa. 18810

Firing Time:

9:00 a.m., Any Sight Match. Iron Sight Match 1:00 p.m. or upon completion of a.m. match and 1/2 hour lunch break.

Pit Duty:

All competitors will be required to serve pit duty as assigned or provide a qualified replacement. Failure to serve will disqualify the competitor.

LOWER PROVIDENCE
ROD & GUN CLUB
Oaks, Pa. 19456

Due to more than a few shooters participating in our monthly matches with deer hunting type rifles using factory loads, it has been deemed necessary to install a "LEWIS CLASS" type system to arrive at award winners. This system provides a shooter a chance to win an award with his particular equipment and/or experience class. Our new system is as follows:

Class	Aggregate
A	.000 - .600
B	.601 - 1.200
C	1.201 - ?

Also, our lady-folk shooters prefer to compete among themselves. Most are relatively new shooters who borrow equipment and are very interested.

March 28th Shoot

	Class	Agg.
Ron Pupek	A	.408
Dick Scheidhauer	B	.717
Arno Gatti	C	1.276

Women Top 3

	Agg.
Josie Holland	.740
Diane Taggart	.771
Mary Allen	.785

April 25th Shoot

Alex Lynn	A	.425
Pat Allen	B	.611
Bob Gerstimier	C	1.865

Women Top 3

Geraldine Lynn	.602
Josie Holland	.720
Ruth Bartlett	.875

Ron Pupek

McKINLEY
BENCHREST SHOOTERS CLUB
Canton, Ohio 44710
Match Report — Sunday, May 9
AGGREGATE
Top 5

1.	Triplet	249-21	.3740
2.	Bob Pease	248-19	.6344
3.	J. Pease	247-13	.6855
4.	Brogne	247-13	.7742
5.	Spencer	247-12	.7209

16 shooters turned out for the first match of the season. We especially appreciate those who came from out of town and the home town boys as well. We are looking forward to a good season with many times of enjoyment with the "Gun Bug Fraternity".

Needless to say the weather was not conducive to good scores but it proves one thing for sure. You just can't beat a good 30 cal. on a windy day. Hats off to Trip and his 308.

R. H. Johnson
3118 11th St. S.W.
Canton, O. 44710

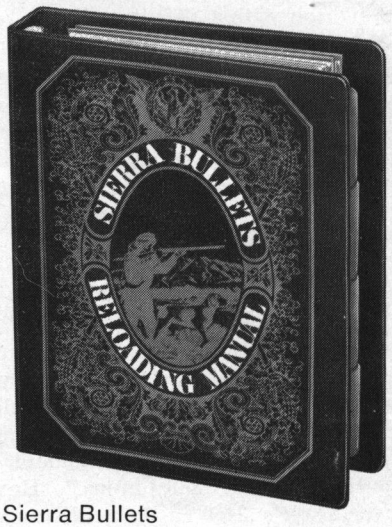
International Benchrest Tournament

COUNCIL CUP
Wapwallopen, Pa.
May 29-30, 1971
HEAVY BENCHREST
5 - 10 Shot Groups at each distance
13 Contestants

In the Heavy Benchrest class, Gerald Southard, with his .308 cal. Hart barrel, Hart action and 48 grains of H380 behind 168 Sierras made a grand slam. He took the 100 yd. with a .5550, the 200 yd. with a .5644 and .5597 Grand Aggregate. Robert White, second place—100 yds., .5608; 200 yds., .6470; and Grand, .6039. White also shot a .308 cal., Sierra 168

(Next page please)

Sierra's First Edition



Sierra Bullets
has completed
our first reloading manual.
It's the quality book you'd
expect from the quality bullet
manufacturer—Sierra.
A technical manual with a
format and features that will
make it a regular companion
on your reloading bench.

Look at these features:

- Complete loading data for all the Sierra rifle and pistol bullets.
- Extensive External Ballistic Data.
- A Complete Reference Section with Index and Glossary.
- A Heavy Duty 3-ring Binder Cover with lots of printed pages that you can insert next to your favorite cartridges to record your own results.

Ask your gun dealer about it.
Or ask us.
$4.85 postpaid.

Sierra Bullets
A product of The Leisure Group, Inc.
10532 S. Painter Ave., Santa Fe Springs, Ca. 90670

grain bullets backed by 42 grains of 4895. Ed Ferguson was third with .6263 in the Grand Aggregate firing a Hart .308 cal., 168 grain Sierra bullets and 48.2 grains of H380 powder. LaFayette held fourth place shooting a .308 cal. on a 722 Rem. sleeved action, 170 grain Lapua bullets fired with 45.5 grains of H380. His Grand Aggregate was .6526. Theodore Boughton with a .6650 was fifth. Ted shot a 222½ cal., Hart barrel and own action, doing his own smithing.

In the Unlimited Benchrest class, Rick Hornbeck and Frank Tirrell battled it out for a .5897 and a .6422 respectively. Both have beautifully machined pieces of equipment.

HEAVY VARMINT CLASS
75 Competitors
5 - 5 Shot Groups at each distance

Homer Culver, the powder measure expert, fired a neat .3430 100 yd. aggregate to edge out our popular columnist, Dave Brennan, by .003. Dave said, "Being a bridesmaid is getting darned monotonous." However, Dave's .3460 easily outdistanced LaFayette in the third bunk with .3706. Art Blensinger was fourth with a .3738 and Steve Borsh was fifth with a .3746. At the 100 yd. range nine shooters had aggregates under four tenths of an inch. Had the conditions been better, there would have been more in this category.

At 200 yards conditions were about as effeminate as they could be. However, one chap seemed to thrive on the changing conditions. Robert Pease, another P.S. columnist, shot a .308 cal. rifle, smithed by Dave Hall, using 168 grain Sierra bullets backed by 39 grains of 3031 powder, did a superb bit of doping conditions. His five record groups at this distance were: .526, .611, .602, .681 and .824 for a 200 yd. aggregate of .3244. At 100 yds. Bob finished ninth with a .3948. His Grand Aggregate was .3596 giving him the championship. Runner up was Homer Culver with a .4179 200 yd. aggregate and a Grand Aggregate of .3804. Frank Jezioro was third in the Grand with a .4107; Dave Brennan fourth .4263, and Art Blensinger fifth .4282.

It was an extremely pleasant and sociable weekend, with not the best of weather. The scoring committee, range crew, dining room gals, and general administration are to be congratulated on a perfectly run tournament.

WICHITA
BENCHREST RIFLE CLUB
UNRESTRICTED & H.V. MATCHES
May 22, 1971

Eight men competed in the Unrestricted class. Gary Purington took first in the Grand Agg. with a .4899. Purington fired a 222 Magnum on a Baucher action, Hart barrel, 53 grain homemade bullets propelled by 25 grains of H322.

In the Heavy Varmint class, "Red" Cornelison copped top spot with a Grand Aggregate of .3890. "Red" shot a 23/40 cal. on a Benchmaster action, Garrott barrel, 26.5 grains of Ball C, behind Simonson bullets.

RIDGE SPORTSMEN'S CLUB, INC.
Hilton, N. Y.

The Ridge Sportsmen's Club, Inc. held their first scheduled unregistered match of the season on June 6 under the experienced guidance of Mr. Ted Boughton of Rochester, N. Y.

This was the first match at this location for the writer and the aura of family togetherness at a one day match was impressive. Wives and children accompanied shooting husbands and fathers for a relaxing Sunday outing in pleasant surroundings. An excellent picnic style lunch was provided by Mrs. Boughton without

1971
International Varmint Championship Tournaments
COUNCIL CUP RIFLE RANGE
Wapwallopen, Pa.
August 10, 11, 12, and 13, 1971

Tuesday, —	Aug. 10 . .	Light Varmint . . .	100 & 200 yds.
Wednesday, —	Aug. 11 . .	Sporter	100 & 200 yds.
Thursday, —	Aug. 12 . .	Heavy Varmint	100 yds.
Friday, —	Aug. 13 . .	Heavy Varmint	200 yds.

— AWARDS —
1. Top 20 IBS Patches for all classes.
2. 100 & 200 Yd. Champion and International Grand Champion Patches.
3. IBS International Champion Plaques.
4. Additional trophies awarded by Council Cup.

— FACILITIES —
1. Meals will be served at the range.
2. Electricity, water and modern toilet facilities at the range.
3. Trailers and Campers are welcome.

— REGISTRATION —
1. Light Varmint & Sporter — $7.50 each per day.
2. Heavy Varmint — $5.00 per day.
3. IBS fee for members — $1.00 per day.
4. Shooters who are not IBS members and register for the full four days will be given a one year membership in IBS by Council Cup.

For additional information contact: R. W. Hart, 332 Montgomery St., Nescopeck, Pa. 18635 or phone 717-752-3481.

profit to the club. The children (adults too) were entertained by an unsolicited visit from a helicopter in the afternoon. The whirlybird seemed as curious over us as we were about him.

The event also provided many of us with the opportunity to say our last farewell to Mr. and Mrs. David Hall who tentatively plan to settle in the Phoenix, Ariz. area within the next 30 days.

Competition among the 27 shooters present was as tough as one may be expected to encounter. Conditions were variable and unreliable with mirage thick enough to pour, especially at the 200 yd. range which was shot in the afternoon. A glance at the wailing wall showed the usual 4 in and 1 out with the "one" farther out than is normally expected. First place changed hands several times during the day but finally settled on Frank James of Syracuse, N. Y. with grand aggregate of .4136. Others in the top 5 places were: Art Blensinger .4278, Ira Whitney .4440, Marlin Basset .4484 and Jeanne Lynn .4680.

Two more matches will be held by the Ridge Sportsmen's Club this year —consult Precision Shooting for the dates.

Carl Lynn, reporter

IZAAK WALTON LEAGUE
York, Pa.
IBS REGISTERED
HUNTER RIFLE MATCH
May 16, 1971

		Score	Cal.
Master Class			
1.	Wm. Appleby, York, Pa.	249-8	308
2.	D. C. Miller, Duncannon, Pa.	247-6	308
3.	O. C. Kohl, Birdsboro, Pa.	245-7	7x47
4.	D. R. Meehan, Dushore, Pa.	245-5	308
5.	E. Francis, Hamburg, Pa.	244-4	308
Hunter Class			
1.	Lou Ressler, York, Pa.	242-6	308
2.	R. Drexler, York, Pa.	242-3	308
3.	A. P. Stough, Red Lion, Pa.	236-4	308
4.	H. Kauffman, Duncannon, Pa.	230-1	308
5.	R. Smeltzer, Windsor, Pa.	226-2	6MM
Novice Class			
1.	R. Thiessen, Glen Rock, Pa.	227-4	244
2.	L. Loucks, York, Pa.	223-0	308

ORIGINAL PA.
1000 YD. BENCHREST CLUB, INC.
Williamsport, Pa.
MATCH #1
April 18, 1971
83 Competitors
The 9 Match Winners
GROUP

Match

1	George Miller	25.188
2	Dave Gilbert	20.937
3	Howard Hagerman	27.812
4	Tom Drummond	22.812
5	Guido DeVito	18.562
6	Earl Cronister	17.785
7	Dale Shaffer	36.875
8	Cliff Hocker	27.500
9	Bill Theis	18.875

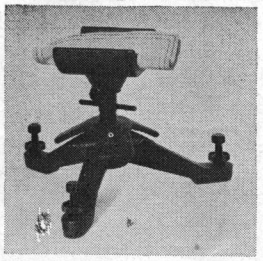
SCORE

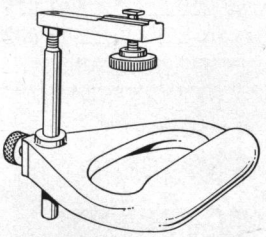
Match

1	Bob Bitner	41
2	Richard Beaver	33
3	Chet Leach	36
4	Ritchie Moorehead	23
5	Trudy Miller	37
6	John Smith	38
7	Cleon Bradley	22
8	Purley Housel	36
9	Bill Hurst	39

SUPBR "Superior" Benchrest Stand ____33.00

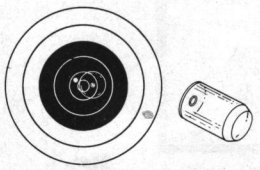
SBR-1 Standard Benchrest Stand W/3 sandbags ____23.50



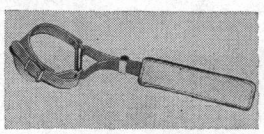


#1 Standard MR Cairo Palm Rest, aluminum 21.50

FSA Jumbo Type Fore End Stop, mention rifle, from ____ 5.75



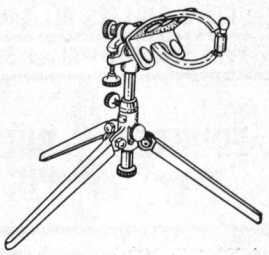
C-H X100 MAGNIFYING .22 Cal. scoring gauge; will not damage the shot hole ____ 4.00



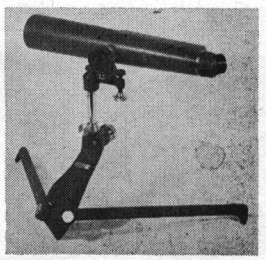
186 Midcentury Cuff Combination ____11.00

Freeland Sling Keeper, a fine necessity __ 1.50

AAT All Angle Tripod, mention scope, gray or green ____22.75



AAT TRIPOD with Saddle or lug for zoom scopes



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Micro rear & blade front pistol sight ____15.50

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LEE LOADER, Mention Caliber and Ga. (NOT 10 ga.) ____ 9.95

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Winners of the Shoot-off

GROUP

1. Tom Drummond ---------- 17.812
2. Dave Gilbert ---------- 25.062

SCORE

1. John Smith ---------- 38
2. Bob Bitner ---------- 37

* * *

MATCH #2
May 9, 1971
97 Competitors
The 10 Match Winners

GROUP

Match		
1	Joe Reitz	11.125
2	Henry Chapman	14.000
3	Bill Martin	20.875
4	Clair Hurst	12.875
5	Tom Dawson	18.250
6	Tom Drummond, Jr.	16.750
7	Richard Beaver	16.875
8	Ken Reeder	16.312
9	Frank Weber	21.500
10	Chet Leach	13.750

SCORE

Match		
1	Walter Chapman	43
2	Richard Kepp	42
3	Judy Smith	41
4	Cliff Hocker	43
5	Bill Hurst	41
6	Tom Drummond, Sr.	45
7	Don Bower	41
8	Ralph Baskin	41
9	David Shull	42
10	Joe Saltalonachia	43

Winners of the Shoot-off

GROUP

1. Joe Reitz ---------- 11.125
2. Henry Chapman ---------- 12.000

SCORE

1. Tom Drummond, Sr. ---------- 43
2. Judy Smith ---------- 41

* * *

MATCH #3
May 23, 1971
93 Competitors
The 10 Match Winners

GROUP

Match		
1	Guido DeVito	12.187
2	George Reeder	23.000
3	Clair Hurst	21.375
4	Walter Bryan	18.062
5	Tom Kenyon	22.312
6	Jack Arnold	24.750
7	Tony Mariano	11.875
8	Bobby Buck	17.250
9	Frank Weber	21.500
10	Clarence Palmer	32.937

SCORE

Match		
1	Clyde Bonnell	44
2	Frank Popp, Sr.	38
3	Bill Theis	41
4	George Miller	41
5	Howard Wolfe	39
6	Judy Smith	32
7	Ken Reeder	37
8	Boydell Theis	43
9	Herbert Hakes	41
10	Frank Popp, Jr.	30

Winners of the Shoot-off

GROUP

1. Guido DeVito ---------- 16.312
2. Tom Kenyon ---------- 25.625
3. Walt Bryan ---------- 28.312

SCORE

1. Clyde Bonnell ---------- 39
2. Judy Smith ---------- 34
3. Bill Theis ---------- 32

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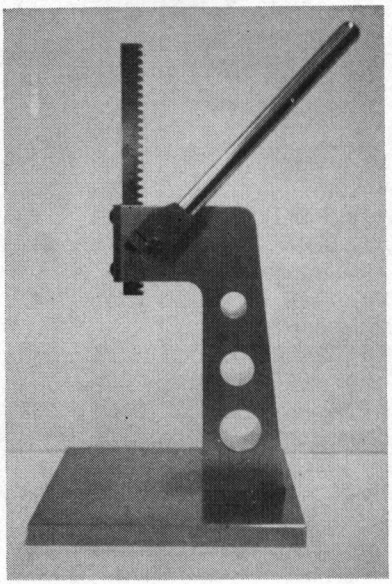
Precision Straight Line Arbor Press



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Precision Shooting Announces NEW AWARDS

It seems a rather accepted procedure today when a suggestion is made to saddle the perpetrator of the suggestion with most or all of the work that goes with it . . . BUT . . . in this case I am not complaining because what started out as the glint of an idea just might put a nice shiny new patch or emblem on YOUR shooting coat before the season is over.

Earlier this spring I began to think about the warm-up matches that we fire at the start of every day or at most every match be they Varmint, Hunter or Benchrest in classification. I am sure that all of our veteran shooters and most of the newer riflemen know that a warm-up match is recognized for World's Record and under less pressure and often better conditions early in the morning there are no doubt many shooters aware of the possibilities.

However it is not unusual to see a veteran shooter skip the warm-up or perhaps be working with new cases or a test load in the warm-up match and it was my thinking that interest in the warm-up match should be stimulated if possible. Also many tyro shooters will turn in a pretty good one first thing in the morning and receive little or no recognition for the efforts.

With these thoughts in mind a letter was directed to Ye Olde Editor and the suggestion tendered that Precision Shooting should give an award to all warm-up match winners. In the hopes of creating more interest in the warm-up matches and perhaps at the same time advertising for our sport's magazine it was hoped that a sponsor could be found to help defray the expense of the awards on an advertising basis. We are indeed pleased to inform P.S. readers that The Fergusons of Farmingdale, N. Y. have offered to sponsor this award program for the current year and already the emblems are on order. The awards will be made retroactive to January 1, 1971 and we urge all club secretaries and officers to record the winners of all warm-up matches fired at Registered I.B.S. shoots whether they are Hunter, Light Varmint, Sporter, Heavy Varmint, Benchrest or Experimental in their classification. It is hoped that the emblems will be ready for distribution within a few weeks and they will be presented in a jacket carrying the address and product data of the sponsors. The Fergusons are a current and new advertiser in Precision Shooting and from examples that this writer saw at Council Cup in May have some very fine precision equipment for shooters. An arbor press par excellence as well as an extremely well made priming device are among their current offerings.

In the hopes of furthering our sport of benchrest shooting and its leading magazine, we hope that all recipients of the Precision Shooting Award for warm-up matches will display this emblem on their shooting coat or jacket with pride.

By BOB PEASE
Meadville, Penna.

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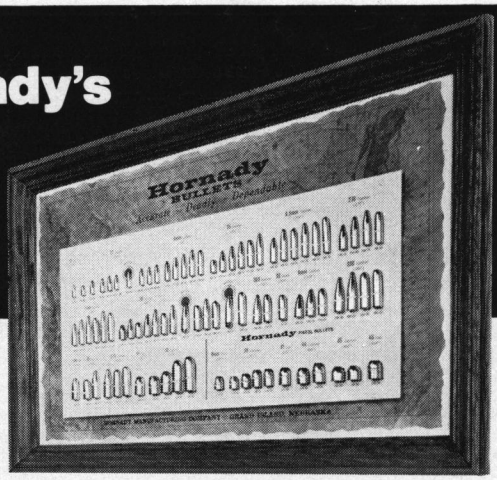

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The Cover Picture

L. E. WILSON

By ALONZO H. GARCELON, D.D.S.
133 State Street
Augusta, Maine 04330

Mr. L. E. Wilson of Cashmere, Washington, is an amazing man who has had an amazing career in the shooting sports. He is the chief sachem of L. E. Wilson, Inc., the lesser sachems are his two sons, both graduate engineers. His straight line bullet seaters and chamfering tools are used by thousands of reloaders. He makes the finest of chambering reamers and headspace gauges and lots of other articles used by gun hobbyists. He is known to his friends as "Sam", and he has friends worldwide with whom he corresponds regularly about gun problems.

Sam starts work at 5:30 A.M., believe it or not, and an unbelievable number of items go out of his shop. Just two examples. Last week he wrote and mentioned the fact that 7,000 pounds of steel were going through his Brown and Sharpe automatic screw machine, all making burring tools (and that's a lot of burring tools), and that he personally had contour turned over 750 neck reamers in their tracer lathe.

In spite of a large business, and a time-consuming pastime of competitive shooting, Sam does a tremendous amount of corresponding. His generosity with his great knowledge of various phases of the shooting sports characterizes the benchrest game people as we in the game know them. Sam celebrated his 50th wedding anniversary this past year and will celebrate his 60th anniversary as a member of NRA in 1972. He is now an Endowment member of NRA and a Charter member of I.B.S.

We all know of Sam's achievements in the benchrest game, but so you might know of some of his other accomplishments I'm going to quote from a recent letter. Sam may object to my using privileged information, but it will be too late to stop it so here goes:

"I might mention I was the first man to win the National Small Bore Championship, Camp Perry, 1920. Won the Grand Aggregate using a Winchester 52 I bought there. Serial number was 53. Boy, did that rifle shoot! One match I won with a possible at both 50 and 100 yards, ten shots at each. They called this the Small Bore Marine Corps match.

"I looked forward to seeing my name listed in the 1921 National Match program as the winner of this match with a perfect score. Imagine my amazement when I received the 1921 program to see they had eliminated the match.

"I have won six national championships, that being the first one. I took third place in the AEF competitions at Le Mans with the .45 pistol. Have a gold medal here that was handed me by General Pershing, along with the other medal winners. He came down to Le Mans and addressed the shooters before the match started and came down and presented the medals. We filed by and he presented each one, which was an appreciated gesture and I have always wished I had a photo of General Pershing handing me my medal. That was my second leg on Distinguished Pistol Shot, having won the first one at the National Matches at Jacksonville, Florida, in 1916. Ten years after the Le Mans matches I won the National Pistol Championship at Perry. You will find my name on the National Trophy in the War Department offices on a small medallion on the back of the trophy. This is the Custer Trophy. By the time I got through shooting the military stuff I had seven or eight legs on the pistol Distinguished. I also have the rifle medal, of course.

"Excuse me for getting wound up on this shooting business. When I get started blowing my own horn I don't know where to stop.

"When I was at Jacksonville with a rifle team the infantry was represented by some men just up from the border where they took part in the campaign against Pancho Villa. They were all tanned to beat hell and their rifles had no blue on them, just rubbed off in the sandy area I guess. That year, 1916, was the first year civilians were allowed to compete at the Nationals, which seems funny now. When next I was at the Nationals at Caldwell, New Jersey, in 1919 the resentment of civilians by the service teams was pretty well gone. Reason: Many of us civilians had more combat time to our credit than many of the service men. I was at Perry in 1920 and by that time all that feeling was gone."

All I can add is — Some record! Do you know anyone who can equal it?

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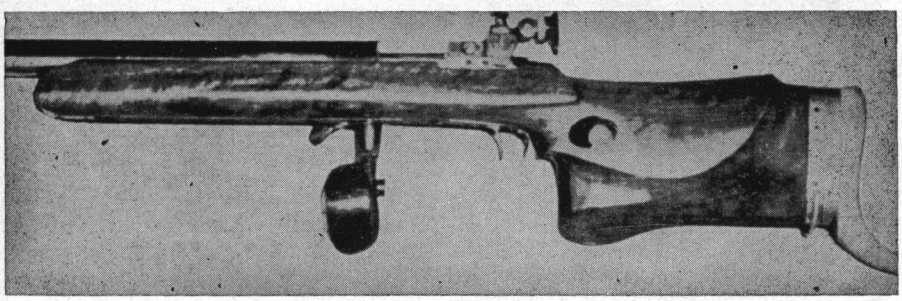

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The Rifleman's Corner

★

By GARY L. ANDERSON
R.R. 2
Axtell, Nebraska 68924

Prone Position

The prone position is unique in several respects. It is obviously the steadiest shooting position. Compared to kneeling or standing, it requires only minimal practice to maintain top shooting form. It is the least discriminatory as to age or sex. Many of the best prone shooters in the world have been past the age when they could still shoot top standing scores. The easily attained stability of prone makes it the position most dependent on rifle and ammunition accuracy.

All this combines to make prone shooting a fine recreational competition. It is a sport where anyone, men or women, from young teenagers to shooters in their seventies can be competitive. Its low practice requirement suits it ideally to the recreational weekend shooter who is lucky to get on a range once a week. Its dependence on quality equipment means every shooter has a control over his results that is not limited by factors like natural ability, age and training time; even though this control often does end up being equated with the amount of money spent on equipment.

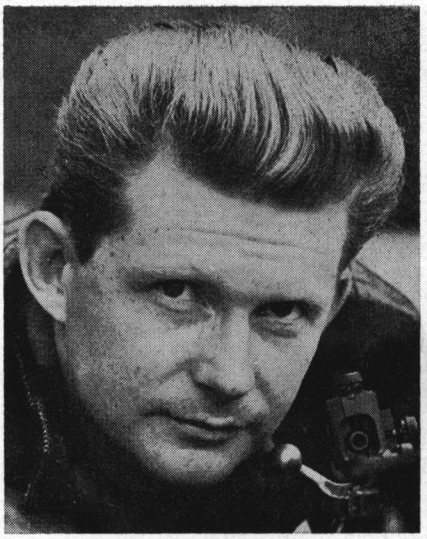
On the other hand, these same factors tend to argue against prone shooting's inclusion as a serious competitive sport at the Olympic and World Championship level where the sole objective is to choose sports champions on their personal ability to perform and not on the ability of their equipment. In this sense, the rifle to a prone shooter is like an auto racer's car, while the rifle to a position shooter is like the vaulter's pole, the rower's shell or the boxer's gloves.

Having an outstanding rifle and superior ammunition is, in fact, a vital prerequisite for championship prone shooting. Another, and equally important, prerequisite is proper position and technique. The latter will be considered here.

The body functions which determine prone performance and must be monitored in developing a prone position include muscular activity in the arms and shoulders, seeing and aiming, breathing, pulse beat in the arms and chest area and general physical comfort. In addition, mechanical functions that are controlled by body position must be considered. They include recoil control, consistent contact pressure on the rifle and support stability. Each of these functions has something to say about which position variations are best.

A number of prone styles have been developed to enhance these functions. These prone styles are characterized by body position and rifle height. The major orientation of the prone position comes from how the body is positioned in relation to the rifle. This is determined first by the angle of the shooter's body to the rifle.

One extreme in body angle is the old American military prone position which dates from the early part of this century. There the shooter lies flat on the ground at a 30 to 45 degree angle to the rifle. At the other extreme is the Russian prone position where the shooter lies almost directly behind the rifle. Other basic prone positions include the Scandinavian position where the shooter lies at a 10 to 15 degree angle to the rifle with most of the body weight rolled onto the left side, the Estonian position where the body weight is rolled onto the left side by drawing the right knee up to a right angle,



GARY L. ANDERSON

and the modern American position which closely resembles the Scandinavian position except for leg position and rifle height.

Most shooting coaches now feel an angle of 10 to 20 degrees between the body and the rifle is ideal. The greater body angle of the old American position had the effect of increasing the base of support by extending the right hand on the forearm and throwing the right shoulder back, but the increased body angle decreased the ability to control recoil uniformly, to breathe and to aim most efficiently. The flat body position also increased the transmission of body pulsation to the ground.

When the shooter lies directly behind the rifle, his ability to aim and control recoil is best, but his base of support is narrowed and is too far back on the rifle. The 10 to 20 degree body angle is a compromise that does the best job of enhancing all of the different functions that affect prone performance.

(Next page please)

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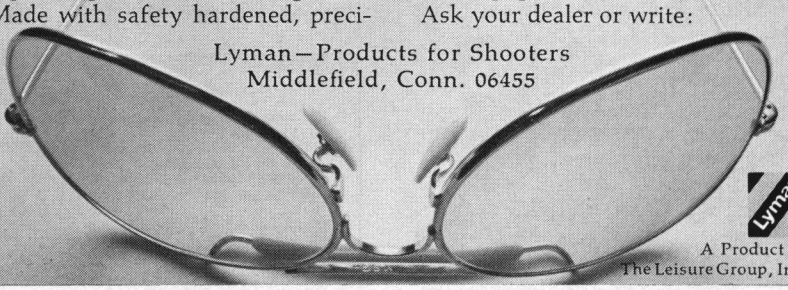

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One of the newer prone position techniques is to raise the right shoulder higher than the left shoulder. This is done for three reasons. The raised right shoulder is above the rifle and makes it possible to minimize the upward rotational movement of the rifle's recoil. Turning the right shoulder up has the effect of rolling the entire torso slightly onto the left side. This greatly facilitates breathing and reduces pulsation coming from the chest. When the left shoulder is lower, it is possible to extend the left elbow and consequently the base of support for the rifle. In today's best prone positions, the shoulders are not level, but instead the right shoulder is somewhat higher than the left.

In addition to rolling the body slightly onto the left side, an attempt should be made to keep the shoulders and spine perpendicular to eliminate any unnecessary strain on that part of the body. The long prone stocks preferred by many American shooters often cause the shooter to adopt a position where his right shoulder is forced back creating a curve in his spine. The shoulders and spine should form a T.

The position of the legs has a lot to do with both the body position and the way the rifle is held. The old "legs spread — toes out — heels down" position is definitely out now because it presses the torso flat against the ground and keeps the right shoulder too low. Aside from this prohibition, acceptable leg positions vary greatly. The left leg position is the most uniform. Generally, the left leg should form a straight line extension of the left side of the body. The left heel should be pointed up or the toe pointed in to the right depending on the degree to which the body is rolled onto the left side.

The right foot is kept flat on the ground with the toe pointed out. As the right leg is spread out, the body is rolled more onto the left side, more shoulder pressure is put on the rifle and more body weight is shifted onto the left elbow. As the leg is spread out the knee may be bent until the extreme of the Estonian position is reached. The best way to determine leg posiiton is to first decide how the body is going to lay and contact the rifle and then simply locate the legs in a way that best facilitates that position.

The left arm supports 60 to 90 percent of the weight of the upper torso and rifle. It must be positioned so that hold stability is maximized without strain on this part of the body. The best guide to initial positioning of this arm is to make the left arm a straight line extension of the left leg and side. A plane drawn through the bent left arm should be as nearly vertical as possible. This means the left elbow will usually be just to the left of a point directly beneath the rifle. If this elbow is placed too far underneath the rifle, strain on the arm and shoulder is increased and the body will tend to roll too far to the left.

One of the keys of prone shooting is to absolutely eliminate all muscle activity in the left arm. This is done by making the sling do all the work of supporting the rifle.

Sling location is also important. If the sling is not positioned high or low or if it pulls from the inside of the arm, pulse beat will be increased. If the sling slips, the shooter will often try to use arm muscles to compensate for changing sling support. Neither is conducive to good prone shooting. Learning to let the sling do the work of holding up the rifle is probably the first lesson of prone shooting the beginning shooter should learn.

The right arm supports only a small amount of body weight. Its location is determined by how the body is positioned and by the need to put the right index finger in the best location for pulling the trigger. Once the body is positioned, the right elbow can be brought in so that it holds the right shoulder at the correct height.

The right wrist should be kept straight as it grips the pistol grip to avoid strain on the hand as it controls the trigger. The amount of grip tension is not too important as long as it is uniform. Generally, a heavier trigger requires a firmer grip while a light trigger calls for a light grip.

One of the big differences between the Scandinavian and new American prone styles is how the rifle is held. In the Scandinavian and Eastern prone positions, the rifle is held quite high. Americans have traditionally kept the rifle as low as possible because they thought this increased the stability of the rifle. Actually, rifle height doesn't have much to do with rifle stability, but it does have other effects. The lower rifle makes it harder to aim while the high rifle position makes aiming more efficient. The high rifle position forces the head and spine to curve back in a strained, uncomfortable manner while the low position is more comfortable. Once again, the ideal position is a compromise between these two extremes. The distance between the back of the wrist and the ground should be six to eight inches or slightly above the legal minimum. Rifle height is controlled by sling length and the location of the left hand on the forearm. These should be adjusted to achieve ideal rifle height.

The location of the buttplate in the right shoulder affects head position and recoil control. If the buttplate is too far out on the shoulder, the head will have to be shifted to the right to see through the sights. It

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also makes it more difficult to get the body weight behind the rifle for uniform recoil control. Keeping the rifle close to the neck to accomplish this is easier if a flat buttplate is used or if a free rifle with a hook buttplate is canted to the left.

Once all other aspects of the prone position are determined, the head position pretty well takes care of itself. When the rifle is held in the correct position, the head should be able to drop naturally to the cheekpiece and look directly through the sights. The head should not be forced in any direction to see through the sights. If this cannot be done then the rifle must be canted or the cheekpiece altered until the eye looks comfortably through the sights.

Although a discussion of the prone position devotes most of its time to the actual position, the most important thing in prone is not position but technique. Any of several variations of the position are good enough to produce winning scores if proper techniques are applied.

Perhaps the most important technique in prone is centering the natural point of aim. Most good prone positions are so inflexible they have a natural point of aim area no larger than the nine or eight ring on the ISU target. Special care must be taken to center this point of aim. This must be done not just at the start of prone firing but before every shot because the position's point of aim will change each time the rifle is fired and reloaded.

Adjusting the point of aim in prone must become so refined that only a slight nudge of the rifle through the ten ring towards the side of the bull opposite the off-center point of aim is necessary to center the sight picture. The major foot, leg and body shifts needed to change the position should be made only when the shooter first starts firing or when he shifts from one aiming bull to the next on multiple-bull targets. Centering the point of aim should be done so precisely the shooter gets the impression the rifle is hanging on the ten ring without his making any effort to keep it there.

A second important prone technique is maintaining uniform contacts with the rifle. At each point where the body contacts the rifle, pressure is exerted in such a way that it influences the jump of the rifle during the recoil which takes place while the bullet is still in the barrel. Any changes in pressure at any of these points will change the speed, direction or distance of this preliminary recoil.

These pressure points include both hands, the shoulder and cheek. It is not so important whether pressure at any of these points is heavy or light, but it must be absolutely uniform. One of the tasks of prone position training is developing sufficient sensitivity to detect changes in contact pressure that might be caused by fatigue, a changing position, greater nervousness for the first record shots and at the end of the match or the extended effort made to fire a shot because of wind changes or a poor hold.

The third technique can be stated simply — be careful. Prone is a perfectionist's game in a different sense than kneeling or standing. In kneeling and standing, the shooter knows it would only damage his score if he tried to get a perfect shot each time. There he tries to make his hold as small as possible and to release his shots within his hold area. He knows some of the shots released inside that hold area are not going to be tens.

The prone shooter's attitude must be completely different. While the standing or kneeling shooter can accept a certain percentage of nines, no nine is acceptable in prone. The shooter must develop an attitude that stops the release of any shot in prone position where there is any indication that the shot will not be a ten.

Letter to The Editor

I am writing this letter concerning the April 1971 issue of Precision Shooting. I am specially concerned with the article by Dave Brennan, pages 16 and 17, about "The Weber" actions. Mr. Weber is my father and over the past few years I have been composing a scrap book of articles and stories written about him and his fine guns. As yet I have found no way in which to get my hands on a copy of this issue. It is a very fine article and I would like very much to have a copy of it. I know that these issues are sent to members only and I can find no one who wants to part with their issue.

If you could please find an issue for me I would be more than happy to pay for it. Or if you know of a way that I may get a copy from somewhere else I hope that you will let me know.

I enclose a self-addressed envelope for your reply.

Thank you.

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THE NRA and

The Powder Keg

Harlon Carter

When all the scores are in for the grand aggregate, I doubt that **Gun Week's** recent Powder Keg editorial on the NRA will be considered harshly. Without taking too much risk, I will also chance the observation that those who leaped into the subject with pen in hand and some gusto will have done some good for the cause to which all of us are dedicated.

Gun Week is doing a great job and, by being a weekly newspaper, performs a great service for all of us. It should have a million subscribers.

I am reminded of the man who said with regard to his activities in a certain organization that he had indeed made some mistakes, but that he was happy to say they were the mistakes of a lover — bold, impetuous and passionate.

Now I have been around the shooting game and the NRA for many years. I still have my membership cards for 1931 and 1932 and won some kind of a national tyro match in 1931 remaining to this date a competitor, compensating somewhat with enthusiasm for what I have often lacked in skill.

At the 11th U.S. International Championships in Phoenix, the other day, where I was one of the referees, I received quite an earful of discussion concerning what the NRA had not done and what the NRA should do.

A great many people deplore that Gary Anderson was not renominated, last year, for the Board of Directors of NRA. More significance is being attached to this by our membership than some of our leaders might realize. I don't know why he was not renominated. I have never heard a word from anyone on the Nominating Committee and I have never heard a word from him. Having a pretty fair estimate of the situation, however, and having a very high regard for Anderson, I think he ought to be on the Board. He doesn't especially need NRA, but NRA needs him — intelligent, articulate, young, handsome and with the kind of education and background bespeaking splendid contributions to the objects of NRA.

I think we err greatly if we pretend that an organization of a million members in America will have a monolithic structure and a Soviet type of philosophical uniformity. We are just not that kind of people and while certain difficulties come upon us because of it, consolation lies in thinking what a worse monster would be upon us were we regimented to think and speak alike. As for my part, praise Heaven for the differences among us and as long as I am convinced we are bent upon the same objectives — and I am sure we are — I shall be willing to suffer along with those who seek a variant pathway to get there.

Personally, I don't always agree with what goes on in NRA. Mistakes have been made in the past; challenges — almost appalling ones — must be met in the future. If we all thought alike, a hell of a lot of us would certainly be surplus!

And, this is true especially in the field of legislation. The NRA has been criticized for "doing nothing" about the Gun Control Act of 1968. The sportsmen of this country have been extended a decent hand of respect by the Nixon Administration (to which millions of us at the ballot box next fall must give our full and uncompromising single - issue support). And yet, so far as I know the consensus of our genuine friends is that it is not possible to repeal the GCA of 68. With a few amendments however, perhaps it will not interfere with the pursuit of the gun sports.

The question is frequently asked, why doesn't the NRA get on with it —the amendments, or indeed the repeal. Well, we are not political children and we must understand that

By HARLON B. CARTER
Former President of the NRA
P.O. Box 606
Green Valley, Arizona 85614

much of what is done in the field of politics and legislation is emptied of any hope for success if it is made public while in the embryo state. Another thing that is possible in politics is for one to set forth a course of action which appears to lead to the family jewels but which instead leads the enemy up a blind alley while one is quietly pursuing another.

One of the most popular questions asked with a lot of implied criticism, is why doesn't the NRA do so and so? Well now, I think we should make certain things clear. Be specific. I daresay with regard to most of those questions the answer is simple. **You are the NRA.**

There is an administrative staff in Washington, D.C. — a rather small one I think compared to the size of NRA. They do a vast amount of work — and it is proper that they do a vast amount of work — under the policies established by the Board of Directors, in administration of financial affairs, in program leadership, public relations, education, legislative information, publications, tournament guidance, awards, recognition, liaison with other organizations whose understanding and assistance are often vital to our success, and so on.

But, they do not have the staff to put on matches generally, and while they work continually in the area of national firearms legislation they do not have the staff nor is it thought desirable that they should work in the state's areas of legislation. Experience has indicated to us that when people from Washington, D.C. start trying to operate in the state legislatures, more harm than good is likely to occur. I am reminded of an actual incident in one of our major cities on the Mexican Border. Two federal officers were charged with attempted rape. Their guilt might not have been absolutely established but the circumstances were indeed compelling. They called on distinguished and competent counsel who with 2 or 3 aides came down from Washington, D.C. If they thought they would awe the local folks, or especially the local jury, they blundered badly. The two defendents received 10 years for attempted rape although no one in that town within the memory of the old courthouse squatters had ever received more than 3 years for the real McCoy.

Once again, in the field of politics and legislation, if in no other, **you are the NRA.** Representatives voting in your state capitals or in Washington, D.C., are interested in what you think and how you vote. They know that the NRA, as an organization, has no vote. The vote is really **all** that finally counts. In fact they have no interest in the NRA except that they know you have an interest in NRA and that you and millions like you in this country are intent upon a common goal with regard to the protection of your right to keep and bear arms, conservation of our open spaces and wildlife and participating generally in the shooting sports.

This is important — our goals. Because we are bent on common goals I would encourage the various publications in the world of American guns to speak out rather than censure them for doing so. I would only repeat in their columns, as I myself often repeat it, (so that the enemy doesn't get any false ideas) that we have common goals from which we shall never be divided, and our opponents must not misunderstand our family bickering about the different pathways on which we seek to reach them.

I remember one time when, in connection with Senator Dodd's efforts on his first two comparatively mild bills, he chided NRA Executive Vice President Frank Orth, for failure to exercise leadership of NRA members. NRA was trying to reach an agreement with Dodd under conditions by which his bills could be supported by NRA members. But, thousands back at home were writing their representatives and senators protesting the bills — and I suppose here again the years since have confirmed the wisdom of the people. Orth had to remind the Senator frankly that there were other gun publications in the field and it was impossible to exercise the kind of leadership which the Senator sought. This is important because it illustrates a fact some people in our organizational family deny: The membership will run the organization.

Now let's get busy and do it. If you have plans for organizational reform, if you have suggestions in the field of politics and legislation, if you have any other ideas for the benefit of the shootings sports of America, let's get on with them. Write them in your columns, write them to Max Rich, NRA's new Executive Vice President, or write them where you please. From where I stand, of course, I recommend you write Max Rich. Remember this, however: No matter what you do, you are restrained only as all of us are restrained — and as all of us would wish to be restrained — by one thing: do not give aid and comfor to the enemy.

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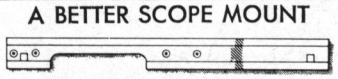

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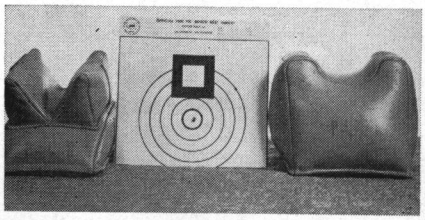

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Random Shots

Betty Summerall Duncan

By BETTY SUMMERALL DUNCAN
8630 Olin Street
Los Angeles, Calif. 90034

A vivid description of the setting —the "quiet desert acres at Black Canyon" range — was supplied by **Harlon Carter** in the April P.S. **Herb Hollister's** excellent on-the-scene reports of the **Tucson Rifle Club** "3200", the **Roadrunner Tournament,** and his "flash" on the outcome of the **13th Annual Western Wildcats** shoot, provide the background of events leading up to the closely-contested SUPER GRAND CHAMPIONSHIP. That's what a real shooting marathon is all about!

Not so many moons ago, the 6400 Aggregate was still considered sufficient proof of a champion's merit. Now, TOM GUERIN, 1971 **Monarch of the Western Wildcats Kingdom,** has seized the scepter and regained the crown by surpassing all others, with the insertion of a new page in the **History of Prone Shooting.** Never before has an individual shoulder-to-shoulder prone championship been determined on the basis of a possible 12,800 points!

But, in Apacheland . . . the warrior is brave and his aim is true and his moccasins follow the trail to heights unknown. . . . And, so it was that the Wildcat Chieftain led the massacre of countless lesser warriors. . . . Halfway up the trail, Herb Hollister sent smoke signals reporting that "1600 Chief" **George Stidworthy** was overwhelming braves from the other tribes, having accumulated 6374-445X to **Frank Boyd's** 6371-443X, Chief **Guerin's** 6370-444X, and **Hollister's** 6369-459X. . . . The wrath of the unseen spirits was surely evoked, as the winds howled in coyote-like tremors. Chief "Eagle Eye" **Guerin** warned "Glass Eye" **George,** "I'm out to scalp you." And on the following dawn, all of **Guerin's** shots hit their mark and there was much dancing and celebrating over his command of the elements. His **1600-120X with irons** set off a new chain of smoke signals, as he was flanked by great white Captain **Jim Hill** from the Halls of Montezuma and the Shores of Tripoli, scoring 1599-117X, over "Glass Eye" **George's** 1598-117X. Brave warrior **Frank Boyd** trailed with 1597-127X, much to his chagrin. He was seen at the nearby stream, paying off his losing bet and laundering George's loincloth over the rocks.

Freshly garbed, **Stidworthy** determined to remain clean throughout the day. For him, it was the **57th** time. And, his 1600-150X with the "glass eye" was the 14th X-ing 150 or more. Also clean were **Hollister** from the great Boulder and "Princess" **Inez Sargent** of the Bayous (who was also dainty). They had 137X and 129X respectively. **Frank Boyd** tripped on a cactus and his 4th place 1599-139X netted him the promise of some more laundry.

At sunset on Friday, a procession was headed for the Champion's Tepee, when some shoving ensued. "Glass Eye" **George** (Stidworthy) stated, "I go first!" A voice in the background countered, "How?" . . . "With 3198-267!" **Guerin** was admitted next for a 3198-250X. Then **Hill,** by virtue of his 3197-252X, and **Boyd** for a 3196-266X. Honor guards were Major **Jim Hinkle,** a reserve warrior from the Halls of Montezuma, who qualified with 3193-237X, and **Harlon Carter,** former Chieftain of the NRA Tribe, who had 3192-238X. "Princess" **Inez** was accorded a position of honor for her 3192-233X. . . . Soon, a delegation quietly slipped away to meditate at Pinnacle Peaks.

But, on Saturday, the evil spirits had not been appeased, and with irons their ire was especially evident. Two fine braves from the camp of Los Angeles joined the war party—"Sharp-Eyed" **Allan Knowles** and "Near-Sighted" **Victor Auer. Knowles** made an opening pass, winning a 400-33X tie-breaker from **Hinkle** in the Dewar, as young **Mary Lou Adler** called "Women's Lib" and placed third for the only other possible, x 28. . . . After the 50-meter battle, 20-year-old **Knowles** entered the tepee of the war council and stated, "You have scored me too high with 398. I have only 397; therefore, I must challenge." Paying his challenge fee, he lost. He had 398. Two moons later, the fee was returned to him for his fine integrity. . . . "Near-sighted" **Victor** was the only clean warrior in that match. . . . Then, in the 50-yd encounter, "Wise Chief" **Hollister** was 4X's in front with his 400-34X.

Knowles and **Auer** proved to be sharpest of all as **Allan** collected a bit more than beads and trinkets for his 1592-114X and **Victor** caught the #2 prize with a 1592-103X. **Don Peterson,** of the Mantecas in California, had 1592-101X and can purchase his own trinkets, as can **Hill** for a 1590-114X. Junior brave **John**

Lane accounted for a 1590-99X, ahead of Expert Mike Lovelace, of the Wyoming tribe, and Hollister. . . . And, Boyd tossed the laundry chores back to "Glass Eye" George.

Great white Captain **Hill** gave thanks to the good spirits for his 3189-233X victory in the **Wildcats Metallic Championship** battle. And, Wildcat Chieftain "Eagle Eye" **Guerin** was already ruling over the war council. He had 3188-236X. . . . Sharpshooter brave, **Don Peterson,** was whooping it up with 3188-209X, which was soon to send certain "keepers of the classifications" back into a pow-wow to reconsider hasty decision.

Jim Hinkle, Marine Reserve Chief, was first one up the trail at sunrise Sunday, with the only perfect targets, a 400-29X. (He was still on Atlanta time). . . . Expert warrior **Bill Halsted,** a bit belligerent over being demoted, overpowered fellow Los Angeles tribesman **Allan Knowles'** 398-30X for 2nd in line . . . closely followed by a 398-29X from **Raymond Sargent** of the Bayous. . . Evil spirits of the desert, thoroughly angered by the prolonged barrage of firepower, suddenly converged with a vengeance from all directions on the first relay of attackers, badly wounding almost the entire line of master warriors and chiefs at 100 yards.

"Glass Eye" George said, "Ugh! I not weather-guesser! To track, must see signs!". . . . Besides, he was grumpy from doing Boyd's laundry. Must have gotten soap in his eye. . . . "Not supposed to shoot 8's with scope," moaned the "1600 Chief", "but —two matches, two 8's" . . . /*!*!/

Bearing peace offerings, the second relay was led by Indian princesses **Karla Auer** (squaw of Victor), and **Inez,** whose feminine charms magically subdued the cruel winds. And, **Karla** was proclaimed a heroine for her mastery over **all** of the warriors assembled. Homage was paid for her 399-20X at 100-yds . . . and Victor was very proud. . . . **Halsted** aggressively edged between the two ladies with a 399-19X, as **Inez** had 398-29X. . . . **Larry Kelley** of the Arvada, Colorado tribe, emerged from the master fray with 398-28X.

"Wise Chief" **Hollister** quickly took advantage of the lull to pour in a 39X possible at 50-meters. **Stidworthy** Creedmoored **Knowles'** 400-36X, and Expert **Duane Jenner** collected for a 400-34X. . . . Fortified once more by readable winds, "1600 Chief" **Stidworthy** was back in the saddle at 50-yds, finishing up the 12,800 point endurance contest in his best style—a perfect 400-40X. Looking over his shoulder — there was **Guerin,** easing toward him with a 400-38X. A pace behind with 400-37's were **Victor** and **Bill Stephens.**

And, the long trek up the trail was over! En route to his camp on the loftiest pinnacle, **Guerin,** the new **Wildcat Chieftain** and **Super Chief** in the **Grand Championship,** extended the hand of friendship to his closest adversary, **Stidworthy,** and said, "Come. Let us smoke peace-pipe together!" Responding in like manner, **George Super Chief #2** declared, "I place at feet of **great warrior Guerin,** best tracker of all" (trained at British Tracking Station — Jodrill Bank Telescope) . . . "one case Black Eley". . . . With wisdom, **Chieftain Guerin** proclaimed, "Case Black Eley to be given for 4th of July awards, **All-American 6400** in Los Angeles, to encourage skilled marksmanship among junior competitors!"

On wailing wall outside of champion's tepee, the following important notices were posted—:

SUPER GRAND CHAMPIONSHIP

Tom Guerin (Winner)	12748-940X
George Stidworthy (2nd)	12747-946X
Frank Boyd	12743-940X
Herb Hollister	12736-928X
Bill Halsted (Expert)	12722-855X
Harlon Carter	12719-821X
John Moschkau	12707-860X

* * *

WILDCATS 6400 CHAMPIONSHIP

Guerin (Western Wildcats Champion)	6378-496X
2nd—**Donald L. Peterson** (Sharpshooter)	6374-430X
3rd—**George Stidworthy**	6373-501X
4th—**Frank Boyd**	6372-497X
Captain Jim Hill, USMC	6371-476X
Inez Sargent (Expert) **(High Lady)**	6369-442X
Bill Halsted (Expert)	6368-435X
Herb Hollister	6367-469X
Harlon Carter	6366-436X
Lt. Webster Wright, USN	6365-417X
Major Jim Hinkle, USMCR	6363-453X

* * *

In full ceremonial regalia, Chieftain "Eagle Eye" **Guerin** placed his prize-winning rifle — a BSA with Atkinson stainless barrel — in a position of honor . . . then, summoned certain Wildcats before the High Council to receive special rewards.

For scalping the Master Class in the **Wildcats "Glass Eye" Championship, Bill Halsted** and Princess **Inez Sargent** were rewarded handsomely for their respective 3193-247X and 3192-240X aggregates, with the prediction that their banishment from the Master Class would soon end and their rightful classification be restored. . . . "Glass Eye" **George** had 3191-281X, and "Eagle Eye" **Guerin,** 3190-260X.

Next to be honored was the **Wildcats Outstanding Junior Brave,** and a trophy enscribed with the name of JOHN LANE was presented to the skilled 16-year-old California youth, who defeated all but four of his elders with a 3181-209X for the final two days. . . . "Top gun" warrior in the **Saturday-Sunday** conflict was **Vic Auer** with 3187-220X, who was careful to keep the dust from settling on his contact lens. Flanking him were: **Halsted** - 3182-203X; **Don Peterson** (Sharpshooter) - 3182-202X; **Allan Knowles** - 3181-232X. . . . Loot for the **Sunday** engagement was distributed to **Halsted** for a 1596-112X; **Vic Auer** - 1595-117X; **Guerin** - 1592-130X; **Inez Sargent** - 1592-111X; **Stidworthy** - 1591-131X; **Harry Stone,** from the Astoria, N. Y., tribe - 1591-110X and **John Lane** - 1591-110X.

The "quiet acres" were transformed that night, as victorious sounds . . . of dancing and merry-making . . . echoed throughout Black Canyon.

(To be continued)

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TODAY'S WILDCATS . . .

The .219 Donaldson Wasp

By DAVE BRENNAN
36 Wynding Hills Road
East Granby, Conn. 06026

★

Newer shooters who have acquired an interest in accuracy over the last decade will never begin to comprehend the wonder, fascination, and awe that followed the Wasp in the early days of its existence. The pursuit of pure accuracy had died with the black-powder Schuetzen shooters of the turn of the century, and the nation's shooters for the next forty some years talked much about killing power, shocking power, and knock-down power, but very little about accuracy. All this was changed by the arrival on the scene of the .219 Donaldson Wasp in 1945 and for both the cartridge and the return to rest shooting it fostered, we can all be grateful.

Harvey Donaldson of Fultonville, New York, the father of the sport of bench rest shooting, started his experimenting in 1935, to find an efficient, small capacity, high velocity .22 caliber cartridge.

Original testing was with the .25 Remington rimless case, left to full length, necked to .22 caliber, and fire formed. Initial testing was unsatisfactory, in that the powder charge did not appear to be completely consumed during ignition. It was determined to continue to work with the .25 Remington case, but with a shortened case, to 1-5/8" length, and a blown-out body. Initial testing with this version showed promise immediately, and led Donaldson to conclude that the fatter case body, leading through a sharp shoulder angle, to a comparatively small neck (.22 caliber) in relation to the size of the body had resulted in greatly improved efficiency in the combustion process. With all the powder being consumed, such velocities were being reached with comparatively small powder charges that Donaldson was startled. Testing was done in this era of Wasp evolution with both 14" and 16" twists.

After this early work, which included testing with three different rifles over three years, Donaldson turned his attention to the .219 Zipper case, attracted by the heavier case construction. The first test rifle assembled followed the path of early testing with the .25 Remington; it was left full length, and was merely put through what wildcatters call "improving", i.e., sharper shoulder and blown out body. Results were only fair, and it was not until the case was shortened that superior results were obtained. Experimental gunsmithing for these early phases of Wasp development was by the skilled Vernor Gipson. About this time, word began to circulate among "inner circles" that Donaldson had something uncanny going on with his .22 caliber wildcat. Another noted gunsmith, Al Marciante of Trenton, New Jersey, became interested in the cartridge, and made chambering reamers for Donaldson's final design, which incorporated a neck lengthened by 1/32", to allow for inclusion of a graphite wad.

Marciante's first rifle went to Vaughn Cail, of New Haven, Conn., using a Winchester 70 action, and a heavy Winchester barrel, in a Marksman target stock. Extensive testing by Cail, all well witnessed and documented, established that the Wasp was the most accurate cartridge tested to date by this knowledgeable shooter.

In the February, 1947 issue of the "American Rifleman" there appears an article by Samuel Clark, Jr., entitled "The .219 Donaldson Wasp" that stood the sophisticated shooters of the time on their ears. Four pages were devoted to Wasp history and theory in an extremely well written article, which dealt in great detail with group measurements obtained from Wasp rifles. This article, appearing as it did, in a national publication of wide distribution, did much more to awaken interest in group shooting from rests than it has ever been given credit for.

Dozens of shooters across the country dragged out prized varmint rifles, to see how their groups would compare with the Clark reported groups of the Wasp cartridge. This had two important results: (1) It started many people thinking of group measurement as the accepted criteria for determining a rifle's accuracy, and (2) the Wasp was made the standard by which other cartridges were judged.

Clark's article devoted considerable well-justified space to the New Haven gunsmithing firm of Morgan and Cail, who specialized in Wasp rifles, and who made the unheard-of guarantee of 3 consecutive ten-shot groups measuring an inch or under from their Wasp rifles. The article by-line read, "Not since the legendary days of Harry Pope has a gunmaker guaranteed the accuracy of a rifle and cartridge . . .", and across the width and length of our land, several hundred shooters were caught up in the mystique of the phrase and the article, to the extent that they had to have one of these enchanted rifles, come hell or high water. The Wasp neved had a better salesman than Samuel Clark, Jr.; his 1947 article even today has the ring of drama and greatness about it sufficient to move the most unemotional.

Clark was an expert with the classic Schuetzen rifle, having been taught much about them by Donaldson, who was and is the accepted authority on their performance. In his article he concluded, "However, after careful trial of a number of the Wasp rifles, as made up by Morgan and Cail, I was obliged to admit that there was not one among them which was not able to equal or surpass the best shooting I had ever done with a

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Schuetzen rifle . . . including examples by Pope, Zischang and Schoyen. Today there is not the slightest question in my own mind that, day-in and day-out, any one of these same Wasp rifles will average considerably better than the best Schuetzen rifle I ever fired."

The gunsmithing firm that really put the Wasp at the head of the accuracy parade was the famed pair, Taylor and Robbins, of Rixford, Pa. Using their own strongback action, their rifles were the accuracy standard through the first decade of bench rest shooting. Indeed, their name was synonymous with "Wasp" in the minds of most bench resters for a long period of time.

The .222 advent in 1950 was the start of the only serious competition the Wasp ever really knew. The author quotes "The Ultimate in Rifle Precision," 1958 edition, "Ever since bench rest shooting started in 1947, it (the Wasp) has won more bench-rest matches and made more world records than any other cartridge. Today (1958) with the .222 Remington cartridge, it is still the most accurate cartridge for bench rest shooting . . ."

Wasp fanciers tend to remain true to what for many of them was their first love. Witness Crawf Hollidge, in his fine article on bench rest shooting in the June, 1962 issue of the "American Rifleman," talking about cartridge selection thus, "My choice has always been the .219 Donaldson Wasp. I trim the rims to .468" on the lathe, and file the base edge to quarter round, and make sure the rims are not too thick for the extractor."

Those who attended the Varmint Nationals in 1968 at Fassett, Pa., are not likely to forget the performance of Frank Jezioro in winning the 100 yard heavy varmint crown, using a .219 Wasp, which had been designed before half the contestants were born, but which every now and then likes to pin the ears back on the Johnny-come-latelys.

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NOTICE TO ALL IBS CHARTER MEMBERS

1. **Charter Member Certificates are being printed for our 831 Charter Members.**
2. **A Charter Member Directory is in process and will contain the names and addresses of all our Charter people. There will be a charge for this directory. The cost is not known at this time.**

M. H. Walker

Technical COLUMN

M. H. WALKER
Technical Editor
R.D. 1, Warren Road
Mohawk, N. Y. 13407

NOTES ON U.S.-AUSSI POSTAL MATCH

Since last writing to you some changes have taken place within the Sporting Shooters Association of Australia (National). At our last annual general meeting (usually referred to as the National Conference) I retired as National President due to the amount of work entailed as occupant of this position, placing too great a strain on my health. Mr. Lee Meerman, President of the S.S.A.A. Victoria, was elected National President. Lee is an energetic and dedicated S.S.A.A. man with many years of valuable service to the Victorian State Branch behind him, and whom I predict will give further invaluable service to the National body. I know that the benchrest section of the S.S.A.A. can rely on his ready co-operation.

At the conference a benchrest committee was formed (of which I was elected chairman) for the purpose of arranging this year's postal match with the I.B.S., and to investigate our benchrest rules with a view to bringing them into line with those of the I.B.S. There are a few items we must inquire into, that may pose several problems for us if we were to adopt your rules as they are. As this committee will confer by post, I shall send you copies of the correspondence that transpires as our deliberations progress. Meanwhile this letter is intended to be devoted towards arranging the 1971 postal match between the I.B.S. and the S.S.A.A.

1. To begin with would I.B.S. be interested in including the heavy varmint class in this year's match? We feel that this would add a further stimulus to the shoot. I have asked Lee Meerman for his opinion and he is wholeheartedly in favour of the idea.
2. At last year's shoot South Australia could not muster the required ten shooters to constitute a match, and although the Australian Capital Territory (A.C.T.) did not have their range completed, they too would be faced with a similar problem this year as South Australia was posed with last year. Would I.B.S. agree to five shooters being sufficient to constitute a match? We will give an assurance that all five or six competitors, as the case may be, will shoot in the same relay, to ensure that the "big match atmosphere" is maintained, in so far as all competitors from any State will shoot at the same time and date and in the presence of one another.
3. As one State last year fired some of their groups under artificial lighting, I am of the opinion that no shooting should be allowed while using artificial lights, as I feel that this practice of shooting at night obviates all the skill required to dope the wind and mirage; besides, only a couple of the States out here can provide artificial lighting, and as far as I am

(Next page please)

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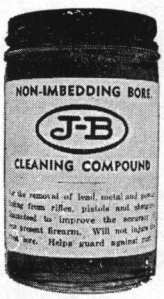

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aware I.B.S. shooters fired their groups during the daylight hours. I would suggest that all groups be fired during the hours of natural light, and no artificial lighting to be permitted. Does I.B.S. agree?

4. I suggest that the 1971 match be shot under the same rules as last year, i.e. that we adopt the same or similar procedure; we would shoot our groups same time in September, I.B.S. to shoot theirs any time after it is acknowledged by I.B.S. that the match is confirmed.
5. As soon as I receive your answer I shall send out a notice and instructions to our State Associations, so that they can prepare for the I.B.S. versus S.S.A.A. shoot.

Next year we should be able to shoot under the same rules, as our benchrest committee will make submissions to I.B.S. to either alter or arrive at a compromise about any rules in the I.B.S. rule book that we believe may present us with problems, or that we feel could be improved. However, as I.B.S. is the supreme body, I trust that the S.S.A.A. will be prepared to accept the decision of I.B.S. as final and binding on the matter.

In conclusion my very best wishes to yourself and I.B.S. members.

Harry I. Madden
Chairman
S.S.A.A. Benchrest Committee
142 Payne Road
The Gap, Brisbane
Queensland, Australia 4061

* * *

Hope you have received my letter and the medallions by this time. Although we insured them for $200.00, the import division may not know that they are a gift. Hope no trouble arises.

Yes, I think we can arrange for both Light and Heavy Varmint competition with top five competitors in each and with five shooters to constitute a match. Let's assume that unless you hear further from me your proposal is approved and the competition is arranged. Under these conditions Canada may be able to field teams this year. I am going to propose that the USA use only the top five from the Heavy and the top five from Sporter and Light Varmint at the Championship Matches this year. These matches will be held at Wapwallopen, Pa., August 10 through 14.

I suggest also that the USA, at least, allow no duplication on the two teams, but would not propose this for Australia or Canada. This would be a rule to be observed within the competitive country at its discretion.

Suggest we also forget shipping the backing targets this year and leave the determination of the proper number of shots to the referees at the match. Same rules as last year to apply otherwise.

If it is within S.S.A.A.'s capability, would you propose that the individual prizes be readied and presented by Australia? If not, we can probably repeat the prizes presented for last year. —M.H.W.

BULLETS FOR THE 257 ROBERTS

With Hornady and Sierra now producing 90 and 120 grain hollow points for 25 caliber rifles, what would you recommend for my Roberts 257, Shilen, Stainless Steel barrel, 721 rifle? I am trying to get rigged up for some competition in the Hunter class here at the Central Texas Bench Rest Shooters Association. So far I have been able to shoot one inch (5 shot) groups with this gun using Sierra 100 grain bullets and 34 grains of 4895. This is on the low side of the loading tables.

The barrel is a 23 inch, 1 turn in 10.75, and medium heavy (#4). I got less than .10 of an inch grab on bullet seating depth for 87 grain bullets seated out 1/32 in. or less to the loads. The new Sierra 90 gr. hollow point gives me an overall .26 in. seating depth and about .10 in. of this is above the boat tail. I loaded up one box of these with no apparent concentricity problems; i.e., all pretty true, very little wobble rolling down the table (especially after a couple of Lone Star beers.

Assuming we can get the shooter calibrated, what would be a good load for this 257 Roberts (using the 90 or 120 gr. hollow points)?

William Eaton
Apt. C - 517 Croyden St.
San Antonio, Texas 78226

* * *

My .257 Roberts is a M/722 factory rifle with the barrel cut to 20". It shoots what I consider extremely well with 117-grain factory Remington bullets and 43 to 44 grains of 4350. Five-shot groups at 100 yards almost never go larger than 1-1/4".

A slow powder is probably the best bet with the Sierra H.P. in both 90 and 120 grain. Try 4350 and also H380. Since chambers and bores vary considerably, the exact load and the seating depth should be worked out individually. The slow powders seem to work best in some calibers with the bullets seated out to touch the lands. However, do not develop a hot load with the bullets seated back, then move bullets out to touch with the same loads as pressures will go up.

Make sure the chamber has at least .004" clearance over the neck of the case. Select cases for a neck wall uniformity under .002". Size the neck only enough to hold the bullet for best bullet alignment. Preferably the necking die diameter should be such that the case neck is not reduced more than enough to hold the bullet. Excessive reduction will reduce case life. —M.H.W.

BEST 12X SCOPE?

I wish to buy a 12X scope with 1/4 minute adjustments for international gallery position rifle shooting. Do you know if such a scope is made? I want a high quality scope.

The scope must be **short** and light, as additional weight ahead of palm rest would be detrimental to my offhand shooting. The BV 20 is the type I am looking for, but Unertl will not make it in a 12X. I have written all the major scope manufacturing companies to no avail.

Enclosed is an addressed envelope for your reply. Thank you for taking the time to answer my problem.

Marie Alkire
1728 Webster
Topeka, Kansas 66604

* * *

Unertl makes the Vulture in 10X with target type mounts. This is a short, light scope, which would mount handily on the receiver.

The Weaver K12 probably has 1/4 min. internal adjustments. If the adjustment was reliable on these

varmint scopes, there are several which could be used. Redfield and Leupold also make 12X Varmint scopes with internal adjustments.

As you probably already know, the Lyman Super Targetspot is made in 12X. The Redfield 3200 is also made in 12X. Both of these are long and relatively heavy, about 26 oz., mounted. Lyman exhibited a short, light, target telescope at the NRA Show. Suggest you write them to determine its availability. —M.H.W.

PREPARING CARTRIDGE CASES

Mike, I want to talk to you about preparing cartridges. Let's take the 6x45R for which I have two rifles chambered. This is the .219 Don. which has neck expanded to take the 6MM bullet. Mine are different from the "standard" Don. in that the cases are .040" longer from base to shoulder than is the Don. The builder made a mistake on my first rifle and ran the reamer in too deep. I have stayed with this length. I trim cases to 1.785".

The first thing I do when preparing a new batch of cases is to die-form them, trim to length and straight-line ream in my reaming tool, which turns out necks which are within .0002" or less from being true. Then I weigh them and keep in lots according to weight. After fire-forming, and a couple more firings, I re-ream them to take out any brass which may have flowed into neck from shoulder. This is about all I know about preparing cases!

Now, let's put some powder in them. I have an old No. 5 Ideal measure for which I made a "micrometer" adjustment. It does not throw even charges so I weigh every one. I have an old agate bearing scale I bought in 1927. One grain (kernel) of 4895 will swing the pointer. Forty kernels weigh a grain. If the beam swings to the heavy side, I remove two kernels, and it swings light, I dump the two back on pan. I know I am within 1"20th of correct.

Now we have to seat some bullets. I am using bullets formed in a Detsch die and they seem to be very even. I use a straight-line seater which I cut with a chambering reamer. Seating punch was held in steady rest while cavity was cut. Seater has a "micrometer" head so that seating depth can be recorded and changes made according to requirements. If a change in seating depth is made and it does not work as well one can go back where he was!

Several years ago I made a jig for testing cartridges for straightness. Nose of bullet is held in a hole in a bakelite block. Rear end rests in a Teflon "V" block. A flat face spring loaded "pusher" keeps bullet in place. Use a Starrett dial indicator to measure the runout. Cartridge is turned, and held down in V, with fingers. I separate straight ones from the run-outs and fire them separately.

About a week ago I received a Brown Little Wiggler. It does the same except it has a jack screw with which one straightens tilted bullets. I have put mine on the back shelf! You should have one. You don't touch the cases with fingers when using the Little Wiggler.

Charles S. Pool
5586 Village Green
Los Angeles, Calif. 90016

* * *

Thanks very much for the good dope on how you prepare cartridges for your 6x45R. I think everything you are doing is fine and desirable, except that I can not bring myself to weigh powder charges. —M.H.W.

Canadian BENCHREST SHOOTING

By GEORGE GILLESPIE
193 Finch Ave. W.
Willowdale, Ont., Canada

Benchrest shooting in Canada is expected to take a giant step forward on the weekend of July 17-18 with the holding of first formal shoot at Stittsville, Ont., about 20 miles southwest of Ottawa.

Sponsor is the newly formed benchrest committee of the Shooting Federation of Canada, the national body responsible for competitive shooting. Several members of the committee, including George Wachmann, of Oakville, Ont., also belong to International Benchrest Shooters.

IBS is giving major fraternal assistance to this first Canadian benchrest tournament. Bob Hart, its vice-president and match schedule chairman, is bringing a group of shooters who will provide range expertise and range supervision, a gift to the Canadian organization of the benefits of U.S. experience that should go a long way toward running the event off smoothly and make future bench meets easier to organize.

They will also exhibit the latest in benchrest weapons and equipment and be ready to answer questions on techniques and procedures.

Prizes will be awarded in the following classifications: experimental, bench rest, heavy varmint, light varmint, sporter, hunter and .22 rimfire. There will also be patches for all those attending.

The scores will be used to start a Canadian file of records for benchrest shooting. No such recognized records now exist.

In addition, the scores posted at the tournament and those from postal tournaments earlier this year will be used to invite top shooters to participate in the International Championship Tournament for heavy varmint, light varmint and sporter rifles to be held at the Council Cup Range, Wapwallopen, Pa., on Aug. 10 to 13.

The Stittsville represents a milestone in the long trek Wachmann has undertaken to bring to birth a comprehensive benchrest movement in Canada. By mailing hundreds of copies of a questionnaire to shooting club members across the country, he has brought to light a hard core of shooters who are interested in supporting a national organization. Canada is a vast country, most of its population thinly spread, and many of the shooters who have shown interest are lonely experimenters in remote places or men whose only contact with the shooting bench is through reading magazines.

Stittsville could be a great day for the start of a mature and vigorous benchrest organization on the northern half of our continent.

The United States shooters may compete in Heavy Varmint class only.

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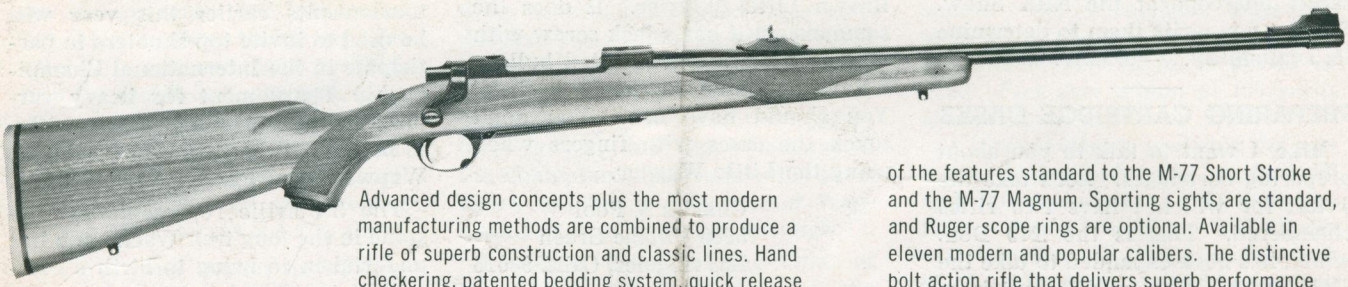

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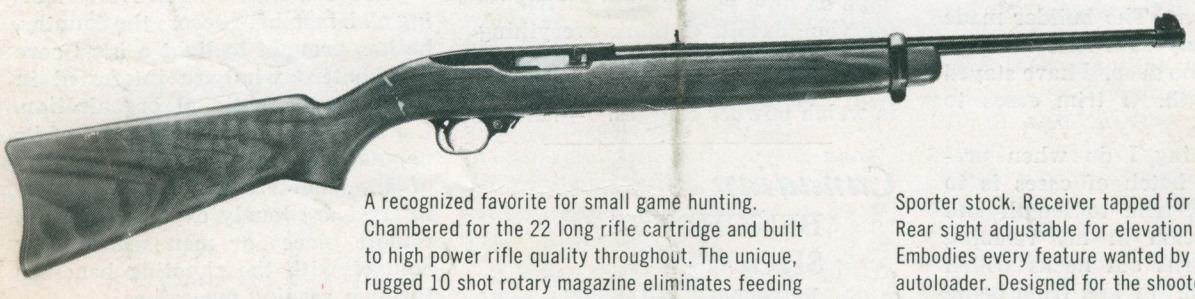
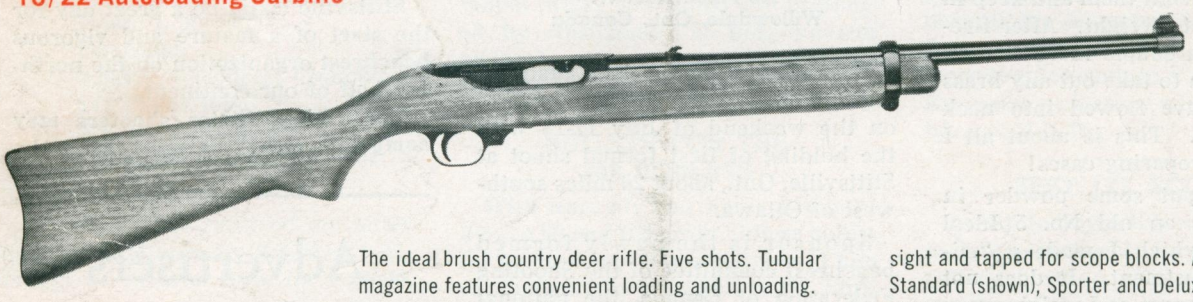


10/22 Autoloading Carbine

A recognized favorite for small game hunting. Chambered for the 22 long rifle cartridge and built to high power rifle quality throughout. The unique, rugged 10 shot rotary magazine eliminates feeding malfunctions. Available in Standard (shown) or Sporter stock. Receiver tapped for scope blocks. Rear sight adjustable for elevation and windage. Embodies every feature wanted by sportsmen in a 22 autoloader. Designed for the shooter who recognizes quality. $56.50*—$64.50.



44 Magnum Autoloading Carbine

The ideal brush country deer rifle. Five shots. Tubular magazine features convenient loading and unloading. Gas operated mechanism provides smooth and reliable functioning. Equipped with adjustable rear sight and tapped for scope blocks. Available in Standard (shown), Sporter and Deluxe (with receiver sight) versions. Compact, lightweight, light recoil, high power. $117.*—$122.—$125.

Number One Single-Shot Rifle

As a combination of beauty and strength, this falling block rifle has no equal in the world of modern sporting firearms. The Standard Model shown is one of five basic models designed for every sporting purpose. Models vary by barrel length, barrel style, forearm style, sighting equipment and chamberings for eleven proven cartridges. An expensive rifle. Worth every penny of it in terms of accuracy and elegance. A logical style for the varmint shooter and a challenge to the big game hunter. $265.* (all models)

All Ruger Carbines and Rifles have American Walnut Stocks, precision milled from solid blanks.

*Prices shown are for different versions of the basic model. Asterisk denotes price of the model that is illustrated. All prices are suggested retail list.

For complete facts and comprehensive description on all Ruger firearms please send a post card to Department

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